PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 05/3-1-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO	Col	Complete if Known		
Substitute for form 1443/1 TO	Application Number	10/053,931		
INFORMATION DISCLOSURE	Filing Date	January 22, 2002		
	First Named Inventor	Dana Mears		
STATEMENT BY APPLICANT	Art Unit	3732		
(Use as many sheets as necessary)	Examiner Name	Michael B. Priddy		
Sheet 1 of 1	Attorney Docket Number	ZM0414DIV1		

Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# Innown)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
WBP		US- 5,364,403	11/15/94	Petersen	Whole Document
MBP		<sup>US-</sup> 5,320,625	06/14/94	Bertin	See Report
MBP		US- 5,474,560	12/12/95	Rohr, Jr.	Whole Document
MBP		US- 2003/220698 A1	11/27/03	Mears	See Report
MBP		<sup>US-</sup> 2003/229356 A1	12/11/03	Dye	Whole Document
		US-			
		US-			
		US-			-
		US-			
		US-			
		US-			, , , , , , , , , , , , , , , , , , , ,
		US-			
		US-			
		US-			
	<del>                                     </del>	US-			
		US-			
		US-		***	
		US-			
		US-	1		

Examiner Initials*	Cite No.1	FORE Foreign Patent Document	current Publication N Date Appli		Pages, Columns, Lines, Where Relevant Passages	Γ.
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	Ŭ
MBP		EP 1,149,562A	10/31/01	Bristol-Myers	Par.3 Figs.9,10	
		WO 03/065906A	08/14/03	Chana	Figs. 1-4	
MBP MBP		FR 1,041,311 A	10/22/53	Chevalier	See Report	L
					<del> </del>	-
						╄

Examiner Signature	milal	B	Pidde	Date Considered	10/	05/200	4
	- Constant	<u> </u>	100007	 l		- 0,	

\*EXAMINER: Initial if reference considered, whether or not plation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

	Col	mplete if Known	
	Application Number	10/053,931	
	Filing Date	February 4, 2003	
	First Named Inventor	Dana Mears	
	Art Unit	3732	
	Examiner Name	Michael B. Priddy	
	Attorney Docket Number	ZM0414 DIV1	

Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (f brown)</sup>	Publication Date  MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
ABP		<sup>US-</sup> 4,552,136	02/18/85	R.V. Kenna	See Report
17		<sup>US-</sup> 4,765,328	08/23/88	P.J. Keller et al	See Report
1		<sup>US-</sup> 5,089,003	02/18/92	T.W. Fallin et al	See Report
<del>-)</del>		<sup>US-</sup> 5,089,004	02/18/92	R.G. Averill et al	See Report
MBP		<sup>US-</sup> 5,190,550	02/03/93	G.J. Miller et al	See Report
1 \		US-			
	ļ	US-			
	<u> </u>	US-			
		US-			
		US-			
		US-			
	<u> </u>	US-			
	<del>                                     </del>	US-	1		
		US-			

		FOREI	GN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code <sup>3</sup> Number <sup>4</sup> "Kind Code <sup>5</sup> (# known) "	MM-DD-YYYY		Or Relevant Figures Appear	r
MBP	L	EP 0 558 203 A	09/01/93	Dow Corning	See Report	
						<u> </u>
	<u> </u>					_
	<u> </u>					-
	<u> </u>					┡
	1	1	l l	1	I	I

Examiner Signature	michael	R P illi	Date Considered	09/08/2004
O.g. O.C.	portion	1 may		- 71001 G- 4

\*EXAMINER: Initial if reference considered, whether or not citation if in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 If possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

(Use several sheets if necessary)			ZIM0048-02	10/053,931	10/053,931			
			Applicant(s) Dana Mears et al.					
			Füing Date		Group Art Un	lt		_
			U.S. PATENT D	OCUMENTS	3732			
			U.S. PATENT D	OCCUMENTS				
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILI DAT IF APPRO	PRLA
MBP		6,010,535	1/4/00	Shah				
				_				
	-		,		RECEIV			
			<u> </u>		MAR 1 2 2	004		
				TECHN	ICLOGY CEN	TER Pares		
		F	OREIGN PATEN	T DOCUMENTS			<u> </u>	
· 	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Transl	ation
							YES	NO
		,	<u> </u>				-	-
			ļ.·		<del> </del>			_
				,				
		OTHER DOCUMENTS	·	ing Author, Title, Date, Pertinen				
MBP		Kenneth A. Krackow, M.D. et Total Hip Arthroplasty," pp. 2	al.: "Clinical Ex	perience with a Triradiate Ex	sposure of the	Hip for Diff	icult	
17		Pasquale Petrera, M.D. et al.: '	'Revision Total I	Hip Arthroplasty with a Retro	operitoneal Ap	proach to th	e Iliac	
Vessels," The Journal of Arthroplasty, 1996, pp. 704-708  G. Lang et al.: "Arthroplasty of the Hip by Cemented Coupled Cups," 1978, Masson, Paris, Nouv. Pt pp. 3925-3928  J. C. Bos et al.: "The surgical anatomy of the superior gluteal nerve and anatomical radiologic bases direct lateral approach to the hip" Surgical Radiologic Anatomy, 1994, pp. 253-258						is, Nouv. Pre	sse M	ed.,
						***		
						logic bases o	ı ine	
<del>                                     </del>	Mansho Itokazu et al.: "Exposure of the Hip by Anterior Osteotomy of the Greater Trochanter," Hospita						ital for	
1.22		Joint Diseases Bulletin, 1998, John J. Joyce, III et al.: "The A	pp. 159-161 Anatomical Basis	s of the Hip Joint Exposures,"	'Number.98,	JanFeb. 19	74, pp.	
MBP EXAMINE	R an	27-31	. X.	DATE CONSIDERED 09	106/200	<u>.                                    </u>		
EXAMINE	R: Initia	il if citation considered, whether or not ci	tationis in conforma	nce with MPEP Section 609; Draw			formani	;e
and not cons	idered. I	nclude copy of this form with next comm	nunication to applicar	nt. Patent and Trademark Office 1				

orm PTO-A820 (Also form PTO-1449)

SHEET 1 OF 3

PE	10,0
(0,0,1	TOTAL TOTAL
HY	**

11	VFORM	IATION	N DISCOSSIRE OF ATION veral sheets if necessary)	Docket Number (Optional) ZIM0048-02	Application Number 10/053,931
,				Applicant(s) Dana Mears et al.	
				Filing Date January 22, 2002	Group Art Unit 3732
	<del></del> -		OTHER DOCUMENTS	(Including Author, Title, Date, Pertin	nt Pages, Etc.)
۲	BP			ed by Raymond G. Tronzo, M.D., Copyrig	
			Journal of the Japanese Orthope	edic Association 75 (2), 2001; Kazuo Kane cement Using Mini Incisions" and Shoichi	ko et al., "Total Hip Arthroplasty and Shinoda et al., "Joint Use of
			Acetabular Abduction Osteoton	ny and Anterior Trochantic Slide for Osteo	arthritis of the Hip Joint
Н		<del></del>	Palab Lucckin et al : "Combine	d Anterior and Posterior Approach to the F	lip Joint in Reconstructive and
			Complex Arthroplasty " Depart	ment of Orthopedic Surgery, New York U	niversity Medical Center, New York,
			NY, Dec. 1988, pp. 313-322		•
Н	_		James B. Stiehl et al.: "Extensil	e Triradiate Approach for Complex Acetal	oular Reconstruction in Total Hip
		ļ	Arthroplasty," Clinical Orthopa	edics and Related Research, 1993, pp. 162	-169
⊢		-	Richard H. Walker, M.D.: "Pel	vic Reconstruction/Total Hip Arthroplasty	for Metastatic Acetabular
	1	i	Insufficiency," Clinical Orthop	aedics and Related Research, 1993, pp. 170	)-175
<u> </u>	1		Joel M. Matta, M.D.: "Operative	e Treatment of Acetabular Fractures Throu	igh the Ilioinguinal Approach, a 10-
	1		year Perspective," Clinical Orth	opaedics and Related Research, 1994, pp.	10-19
			http://www.orthoteers.co.uk, "F	elvis & Acetabulun-Surgical Approaches,	3 pages, Jan., 2001
一	†		1 ·	lip-Surgical Approaches," 9 pages, Jan. 20	
-			Video Tape - Cementless Cera	mic Hip Replacement: The Anterior Appro	ach, Kristaps Keggi, M.D., June 1,
	1		Curriculum Vitae of Dr. Krista		
<u> </u>	1.		Research, pp. 255-260	nroplasty," Terry R. Light, M.D., et al. Clin	
				of Biology and Medicine, Vol. 66, No. 2, N	
			Arthroniasty Vol. 16, No. 5, 20	r with Total Hip Arthroplasty," Jonathan N 01, pp. 671-673	
_			"Total Hip Arthroplasty Using	the Sweymuller Stem Implanted Without C Vol. 10, No. 6, 1995, pp. 793-799	
			"Total Hip Replacement Updat Connecticut Medicine, Vol. 52	e: Cement v. Cementless Arthroplasty, Roi	nald W. Lindsey, M.D., et al.,
	+		"Primary Ceramic Hip Replace	ment: A Prospective Study of 119 Hips," S	cott A. Hoffinger, M.D., et al.,
L		<b></b>	Orthopaedics, May 1991, Vol.	14, pp. 523-531 Greater Trochanter," John P. Fulkerson, N	AD et al Archives of Surgery Vol
l				Greater Trochamer, John F. Fulkerson, I	i.b., et al., Archives of Surgery, von
⊢		<b>├</b>	114, Jan. 1979, pp. 19-21	Arthroplasty in Patients>75 Years," Marc	A Weinstein M.D., et al.,
ı	- (		Orthopedics, Vol. 25, No. 2, Fe	th 2002 nn 153-156	,
<u> </u>			"A Comparison of the Cost Eff	ectiveness of One-Stage versus Two-Stage	Bilaterial Total Hip Replacement,"
	B9'	<u> </u>	Mark Lorence, M.D., et al., Or	thopedics, Vol. 21, No. 12, Dec. 1998, pp.	1249-1252
	CAMINE		what B. Till		19/2.3/2004
EX	AMINE	R: Initial	if citation considered, whether or not citaclude copy of this form with next compare	tion is in conformance with MPEP Section 609; Drawnication to applicant.	
_	PTO-A82			PO9A/REV04 Patent and Trademark Offic	e • U.S. DEPARTMENT OF COMMERCE
	so form P1		$m{v}$ .		SHEET 2 OF 3

RECEIVED

MAR 1 2 2004

TECHNOLOGY CENTER R3700

orm PTO-A820 (Also form PTO-1449)

INFORM	ATION DISCLES HAS CAPATION  (Use several sheets if necessary)	Docket Number (Optional) ZIM0048-02	Application Number 10/053,931			
	(03630363433000237300003-59)	Applicant(s) Dana Mears et al.				
		Filing Date January 22, 2002	Group Art Unit 1732			
	OTHER DOCUMENTS	(Including Author, Title, Date,	Pertinent Pages, Etc.)			
MBP	"Surgical Exposure and Cement R Arthroplasty, Col. 3, No. 4, Oct. 1	emoval in Revision Total Hip Arthroplast	y," Thomas H. Mallory, Seminars in			
7	"Mini-Incision for Total Hip Arthr 2001, pp. 18-20	oplasty," John M. Wright, M.D., et al., O	rthopedic Special Edition, Vol. 7, No. 2 of 2,			
	"Robotics For Surgery,", Robert D	. Howe et al., Annual Rev. Biomed. Eng.	1999, 1999, pp. 211-240			
	Vol. 11, No. 4, October 2001, pp. 3	270-273	t al., Operative Techniques in Onthopædics,			
	"Application of Arthroplasty Princ 2000, pp. 578-593	iples to Canine Cemented Total Hip Repl	acement," Kurt S. Schulz, Veterinary Surgery,			
	"Anterior Approach to Resurfa	cing Arthroplasty of the Hip: A Prelin ne, March 1983, Vol. 47, No. 3, pp. 1	ninary Experience" Robert P. Hendrikson, 31-135			
MBP	"A New Era of Minimally Inva	sive Surgical Approaches for THA,"	Timothy McTighe, Ph.D., Joint Implant			
MOR	Surgery & Research Foundatio	n December 2002, pp. 2-7	<del></del>			
		·				
		•				
			,			
			`			
		<u></u>				
			<u> </u>			
EXAMINER	mila B Pill	DATE CONSIDERE	09/23/2004			
EXAMINER	Initial if citation considered, whether or not cit dered. Include copy of this form with next commu	ation is in conformance with MPEP Section 60	9; Draw line through citation if not in conformance			
orm PTO-A820		PO9A/REV04 Patent and Trademan	k Office * U.S. DEPARTMENT OF COMMERCE SHEET 3 OF 3			

RECEIVED MAR 1 2 2004 TECHNOLOGY CENTER R3700